SCIENCELL RESEARCH LABORATORIES

MATERIAL SAFETY DATA SHEET

Date Printed: 4/25/2011
Date Updated: 4/25/2011

Section 1 – Product and Company Information

Product Name	Cardiac Myocyte Growth Supplement
Product Code	CMGS
Catalogue Number	6252
Company	ScienCell Research Laboratories
Street Address	6076 Corte Del Cedro
City, State, Zip, Country	Carlsbad, CA 92011 US
Technical Phone:	(877) 602-8549
Emergency Phone:	(760) 602-8549
Fax:	(760) 602-8575

Section 2 – Composition/Information on Ingredients

Substance Name	CAS #	Percent
Cardiac Myocyte Growth Supplement	None	None

Section 3 – Hazards Identification

HMIS RATING
- HEALTH: 0
- FLAMMABILITY: 0
- REACTIVITY: 0

NFPA RATING
- HEALTH: 0
- FLAMMABILITY: 0
- REACTIVITY: 0

For additional information on toxicity, please refer to Section 11.

Section 4 – First Aid Measures

ORAL EXPOSURE

If swallowed, wash out mouth with water provided person is conscious. Call a physician.

INHALATION EXPOSURE

If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

DERMAL EXPOSURE

In case of contact, immediately wash skin with soap and copious amounts of water.

EYE EXPOSURE

In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with finger. Call a physician.

Section 5 – Fire Fighting Measures

FLASH POINT

N/A

AUTOIGNITION TEMP

N/A

FLAMMABILITY

N/A

EXTINGUISHING MEDIA

Suitable: Water spray, Carbon dioxide, dry chemical powders, or appropriate foam.

FIREFIGHTING

Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Specific Hazard(s): Emits toxic fumes under fire conditions.

Section 6 – Accidental Release Measures

Accidental releases may subject to special reporting requirements and other regulatory mandates. Refer to Section 8 for personal protection equipment recommendations

Spill Cleanup:
Absorb spill. Common absorbent materials should be effective. Deposit in appropriate containers for removal and disposal

Section 7 – Handling and Storage

Storage or some materials is regulated by federal, state, and/or local laws.

Storage Pressure:
Ambient

Handling Procedures:
Keep closed or covered when not in use.

Storage Procedures:
Suitable for most general chemical storage areas.

Store between 2-8ºC for short term; store between -15 and -20 ºC for long term storage.

Section 8 – Exposure Controls, Personal Protection

Exposure Limits:

Component	OSHA PEL (ppm)	AGCIH TWA (ppm)
No hazardous components		

Engineering Controls:
Area ventilation is generally adequate.

Personal Protective Equipment:

Eye:
Safety glasses should be the minimum eye protection.

Skin:
Gloves should be used as minimum hand protection.

Respiratory:
No respiratory protection will be needed under normal industrial operating conditions.

Section 9 – Physical and Chemical Properties

Appearance/physical state:	Liquid solution / suspension
Odor:	No odor.
Specific Gravity/Density:	Not available.
Octanol/water Partition coeff:	Not available.
Volatiles:	Not available.
Evaporation Rate:	Not available.
Viscosity:	Not available.
Molecular Weight:	Not available.
pH:	Not available.
BP/BP Range:	Not available.
MP/MP Range:	Not available.
Freezing Point:	Not available.
Vapor Pressure:	Not available.
Vapor Density:	Not available.
Saturated Vapor Conc.:	Not available.
Bulk Density:	Not available.
VOC Content:	Not available.
Water content:	Not available.
Solvent content:	Not available.
Surface Tension:	Not available.
Decomposition Temp.:	Not available.

Flash Point:	Not available.
Explosion Limits:	Not available.
Flammability:	Not available.
Autoignition Temp.:	Not available.
Refractive Index:	Not available.
Optical Rotation:	Not available.
Miscellaneous Data:	Not available.
Solubility:	Not available.

Section 10 – Stability and Reactivity

Stability:
Stable under ordinary conditions of use and storage.

Conditions to avoid:
Strong oxidizers.

Hazardous Decomposition Products:
Carbon monoxide, Carbon dioxide, Nitrogen oxides, Sulfur oxides, Hydrogen chloride gas.

Hazardous Polymerization:
Not expected to occur.

Section 11 – Toxicological Information

Acute Toxicity:

Dermal/Skin:
May cause skin irritation.

Inhalation/Respiratory:
Not determined.

Oral/Ingestion:
May be harmful if swallowed.

Target Organs:
No data found.

Carcinogencity:

NTP:
Not tested.

IARC:

Not listed.

OSHA:
Not regulated.

Other Toxicological Information

Section 12 – Ecological Information

Ecotoxicological Information:
No ecological information available.

Environmental Fate (Degradation, Transformation, and Persistence):
Bioconcentration is not expected to occur.

Section 13 – Disposal Considerations

Regulatory Information:
Not applicable.

Disposal Method:
Clean up and dispose of waste in accordance with all federal, state, and local environmental regulations.

Section 14 – Transport Information

DOT

Proper Shipping Name: None
Non-Hazardous for Transport: This substance is considered to be non-hazardous for transport.

IATA

Non-Hazardous for Air Transport: Non-hazardous for air transport.

Section 15 – Regulatory Information

UNITED STATES REGULATORY INFORMATION:

TSCA:
This product is solely for research and development purposes only and may not be used, processed or distributed for a commercial purpose. It may only be handled by technically qualified individuals.

Prop 65 Listed Chemicals:	PROP 65	PERCENT

No Prop 65 Chemicals.

No 313 Chemicals

SARA Listed:
No.

CANADA REGULATORY INFORMATION:
DSL/NDSL:
No.

WHMIS Classification:
This product has been classified in accordance with the hazard criteria of the CPR, and the MSDS contains all the information required by the CPR.

EUROPEAN UNION REGULATORY INFORMATION:

PRODUCT RISK PHRASES:
None assigned.

PRODUCT SAFETY PHRASES:
Not applicable.

PRODUCT CLASSIFICATION:
Not classified as hazardous.

Section 16 – Other Information

HMIS Rating 0-4:

FIRE:	Not determined.
HEALTH:	Not determined.
REACTIVITY:	Not determined.

Abbreviations
N/A – Data is not applicable or not available
SARA – Superfund and Reauthorization Act
HMIS – Hazard Material Information System
WHMIS – Workplace Hazard Materials Information System
NTP – National Toxicology Program
OSHA – Occupational Health and Safety Administration
IARC – International Agency for Research on Cancer
PROP 65 – California Safe Drinking Water and Toxic Enforcement Act of 1986
EINECS – European Inventory of Existing Commercial Chemical Substances

DISCLAIMER
For R&D use only. Not for drug, household or other uses.

WARRANTY

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. All materials and mixtures may present unknown hazards and should be used with caution. Sciencell Research Laboratories shall not be held liable for any damage or loss resulting from handling or from contact with the above product. See invoice or packing slip for additional terms and conditions for sale. THE MATERIAL IN THIS MSDS DOES NOT CONSTITUTE A WARRANTY, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE.